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OFFICIAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Richard A. Berg

Serial No. 09/09/649,859

Filed: August 28, 2000

For: *Production of Human Recombinant
Collagen in the Milk of Transgenic
Animals*

Group Art Unit: 1632

Examiner: Wilson, M.

Attorney Docket No. C94-007-1-D4

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GROUP 1600

CERTIFICATE OF TRANSMISSION

I hereby certify that this corr is being transmitted by facsimile to the
Comptroller for Patents at 703-872-9306 on November 28, 2002.

Signature

Richard Aron Osman

RESPONSEThe Commissioner for Patents
Washington, DC 20231

Dear Examiner Wilson,

Thank you for the Office Action dated June 3, 2002. Please enter these amendments:

IN THE CLAIMS

Please amend the pending claims as follows:

1. (Amended) A method to prepare human collagen or human procollagen, which method comprises:

recovering milk from the mammary glands of a nonhuman mammal which mammal has been modified to comprise an expression system which comprises a coding nucleotide sequence encoding at least one human procollagen operably linked to control nucleotide sequences that effect expression specifically in milk protein-secreting epithelial cells of said mammary glands under conditions wherein said coding nucleotide sequence is expressed to secrete human procollagen or human collagen into the milk of said mammal; and

recovering the human procollagen or human collagen from the milk.

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